MBTA Key Bus Route Improvement Program

The MBTA is committed to improving your bus riding experience. Over the course of two years, the MBTA is planning and implementing a series of enhancements to 15 bus routes, chosen for their high ridership and frequency of service. This project, known as the **Key Bus Route Improvement Program**, will help reduce trip times; improve accessibility; enhance customer comfort, convenience and safety; and make the routes more reliable and cost-effective. Tonight's meeting and upcoming meetings will discuss potential improvements to Bus Routes 15, 22, 28, and 32.

Utilizing $10 million in grant funding through the American Recovery and Reinvestment Act (ARRA) the MBTA now has the opportunity to implement the Key Bus Route Improvement Program. This one-time opportunity to improve service quality will be accomplished by implementing a combination of the following on the identified Key Bus Routes: bus stop location improvements, traffic signal upgrades, transit signal priority and designated queue jump lanes, curb extensions, accessibility enhancements, and other bus stop amenities.

The Key Bus Route Improvement Program involves extensive public outreach with participation invited from customers, community representatives and municipalities served by each bus route. Working with local municipalities, all Key Bus Route improvements will be developed with the help of public input. There will be several opportunities to contribute to the planning and design of improvements. The public process for Routes 1, 23, 39, 57, 66, 71, 77, 111, and 116/117 has been completed, and design plans are in progress, with construction anticipated to start in Summer 2012. The public process for Route 73 is ongoing. Routes 15, 22, 28 and 32 are the last phase of Key Bus Routes scheduled for implementation. Your input at this meeting will help inform how we improve Bus Routes 15, 22, 28 and 32. We look forward to collaborating with you to provide a better bus service!

For more information and project updates please visit www.mbta.com/keybusroutes.

Upcoming MBTA Key Bus Route Meetings

Route	Date	Time	Location	Address
28	Thursday April 5, 2012	6:30 – 8:00	Boston Public Library Mattapan Branch	1350 Blue Hill Avenue, Mattapan
15/22/28	Monday April 9, 2012	6:00 – 8:00	Boston Public Library Dudley Branch	65 Warren Street, Roxbury, MA
15/22/28	Tuesday April 24, 2012	6:00 – 8:00	Grove Hall Community Center	51 Geneva Ave, Dorchester
32	Thursday April 26, 2012	6:30 – 8:00	Boston Public Library Hyde Park Branch	35 Harvard Avenue, Hyde Park
15/22/28	Monday April 30, 2012	6:00 – 8:00	The Salvation Army Kroc Center	650 Dudley Street Roxbury/Dorchester
32	Tuesday May 1, 2012	6:00 – 7:30	Woodbourne Apartments	6 Southbourne Road, Hyde Park

MBTA Key Bus Route Improvement Program

Glossary and Abbreviations of Terms

Bus Stop Location – Nearside: bus stop is located before an intersection, or driveway.
Bus Stop Location – Farside: bus stop is located after an intersection, or driveway.
Bus Stop Location – Mid-block: bus stop is located in the middle of a street block.

Companion Stop – bus stops are typically located in pairs, one on each side of the street.

Curb extension (or bulb out) – sidewalk is widened in a particular section, sometimes either side of a crosswalk, or at the start/end of on-street parking.

Generic/Rear Sign – MBTA bus stop sign that is located at the rear of the stop to define the end of the bus stop.

Landing pad/area – an area at the front of the bus stop where customers board and alight the bus.

Queue jump – priority is given to buses at an intersection. It can also come in a variety of forms such as a shared right turn/bus lane allowing the bus to access a farside stop more quickly or with a bus only signal, allowing buses to advance ahead of the general traffic.

Rt. Descr. Sign (Route Descriptive Sign) – MBTA bus stop sign that is located at the front of the stop and lists bus route and customer information.

Sharrow – pavement marking on the roadway that indicates to bicyclists that the road space they are entering is shared, i.e. with a bus stop or general traffic.

TSP (Transit Signal Priority) – priority is given to buses at traffic signals. This can come in a variety of forms, but the most common form is for the green time to be extended for all traffic when a bus is approaching the intersection. This will only be effective for farside or mid-block stops.

INBOUND

Bus Stop Sequence	Stop ID	Street	Stop Name/ Cross Street	Dist. to Next Stop (ft)	Time to Next Stop (min)	Stop Location	Routes Serving Stop	Rt 15 Ons (Fall09)	Rt 15 Offs (Fall09)	Ons (Total All Routes)	Offs (Total All Routes)	Municipality	Sidewalk Width (ft)	Existing Shelter	Existing Bench	Existing Bus Stop Length (ft)	Preliminary Recommendations
1	1475	Hancock St	Bowdoin St	380	2	Mid Block	15, 17	547	2	602	69	Boston	9	Wall Narrow	Yes	93	Lengthen stop to 110' by relocating rear sign 45' = -2 unregulated parking spaces. Add 1-2 benches and pavement markings.
2	1477	Hancock St	opp Howe St	310	1	Mid Block	15, 17	79	0	93	2	Boston	9	No	Yes	67	Remove stop to improve bus stop spacing. 3 unregulated parking spaces may be reinstated. Relocate bench. Revised distance between stops would be ~690' to Rowell.
3	1478	Hancock St	Rowell St	350	2	Farside	15, 17	78	4	109	13	Boston	9	No	Yes	72	Investigate narrow shelter. Add trash receptacle and pavement markings.
4	11478	Hancock St	opp Glendale St	500	2	Mid Block	15, 17	54	3	78	9	Boston	9	No	Yes	45	Remove stop to improve bus stop spacing. 2 unregulated parking spaces may be reinstated. Relocate bench. Revised distance between stops would be ~850' to Jerome.
5	1479	Hancock St	Jerome St	470	2	Farside	15, 17	95	20	106	43	Boston	9.5	No	Yes	48	Lengthen stop to 65' by relocating rear sign 10' back (to crosswalk) and relocating front sign 10' forward. No parking impact. Investigate narrow shelter or 2 benches. Add pavement markings.
6	1480	Columbia Rd	opp Elba Terrace	860	4	Mid Block	15, 16, 17	302	48	511	346	Boston	9	No	No	60	Lengthen stop to 95' by relocating rear sign 30' back into taxi stand/loading area =-1-2 taxi stand spaces. Bus will use driveway for bus stop egress. Investigate shelter opportunities. Add 1-2 benches. Replace trash receptacle. Add pavement markings. Consider renaming stop "Columbia Road @ Upham's Corner."
7	1481	Dudley St	Belden St	630	3	Nearside	15, 41	469	19	606	26	Boston	9	No	No	58	Lengthen stop to 90-100' by relocating front sign 20' toward intersection and rear sign 10-20' away from intersection = -1 2-hour parking spaces. Add 2 benches. Replace trash receptacle. Add pavement markings.
8	1482	Dudley St	Humphreys St	310	1	Nearside	15, 41	236	12	259	13	Boston	9	MBTA	Yes	88	Remove stop to improve bus stop spacing. 4 unregulated parking spaces may be reinstated. Remove shelter and relocate bench. Revised distance between stops would be ~1060' to Magnolia.
9	11482	Dudley St	opp Magnolia St (Uphams Corner Commuter Rail Station)	750	4	Farside	15, 41	159	14	212	22	Boston	9	Wall	Yes	55	Lengthen stop to 65' by relocating front sign 10' away from Clifton St = -1 unregulated parking. Add pavement markings. Consier renaming stop "Clifton St."
10	14831	Dudley St	opp Howard Ave	610	3	Mid Block	15, 41	116	21	136	31	Boston	10	No	Yes	67	Lengthen stop to 100' by relocating rear sign to crosswalk, front sign 80' forward = -2 unregulated parking spaces. Investigate narrow shelter. Add trash receptacle and pavement markings.
11	1484	Dudley St	E. Cottage St	640	3	Farside	15, 41	196	81	275	119	Boston	14	No	Yes	60	Investigate shelter set away from building, or add second bench (some shelter from awning). Replace trash receptacle. Add pavement markings.
12	1127	Dudley St	Shirley St	370	2	Farside	15, 41	85	32	119	46	Boston	9	No	Yes	66	Remove stop to improve bus stop spacing. 3 unregulated parking spaces may be reinstated. Revised distance between stops would be ~1010' to Langdon.
13	1485	Dudley St	Langdon St	460	2	Farside	15, 41	115	30	144	37	Boston	9	Wall	Yes	56	Lengthen stop by relocating rear sign 5' toward crosswalk and front sign 5' toward Clarence Street. No parking impact. Add pavement markings.
14	1486	Dudley St	Magazine St	520	2	Nearside	15, 41	140	70	185	88	Boston	10	No	Yes	52	Consolidate with Hampden to improve bus stop spacing, with new stop mid block between Magazine and Dunmore. No parking impact. Maintain no parking at existing stop. Investigate narrow shelter. Relocate bench and trash receptacle to new stop. Revised distance between stops would be ~730' from Magazine and ~1000' to Hampden.
15	1487	Dudley St	Hampden St	680	3	Farside	15, 41, 45	66	17	122	44	Boston	20	No	Yes	50	Consolidate with Magazine St as above. Maintain no parking at existing stop.
16	1488	Dudley St	Adams St	590	3	Nearside	15, 41, 45	36	31	83	53	Boston	6	No	No	84	Relocate stop farside of Adams because existing location does not have sufficient sidewalk width = -3 parking spaces. Add trash receptacle and pavement markings.
17	1489	Dudley St	Dearborn St	610	3	Nearside	15, 41, 45	12	41	32	82	Boston	9	No	Yes	103	Remove stop to improve bus stop spacing. 4-5 unregulated parking spaces may be reinstated.

INBOUND

Bus Stop Sequence	Stop ID	Street	Stop Name/ Cross Street	Dist. to Next Stop (ft)	Time to Next Stop (min)	Stop Location	Routes Serving Stop	Rt 15 Ons (Fall09)	Rt 15 Offs (Fall09)	Ons (Total All Routes)	Offs (Total All Routes)	Municipality	Sidewalk Width (ft)	Existing Shelter	Existing Bench	Existing Bus Stop Length (ft)	Preliminary Recommendations
18	1490	Dudley St	Winslow St	530	3	Nearside	15, 41, 45	9	75	15	113	Boston	10.5	No	No	56	Lengthen stop to 100' by relocating rear sign 45' = -1 unregulated parking space. Bus will use driveway for bus stopp access. Add trash receptacle and pavement markings.
19	1491	Dudley St	Warren St	490	2	Mid Block/ Nearside	15, 41, 45	9	450	11	734	Boston	7.5	No	No	N/A	Remove stop due to close proximity to Dudley Station. Maintain no parking at existing stop.
20	64000	Dudley Station	Busway	900	4	N/A	Multiple	389	949	1411	7447	Boston	-	-	-	-	Coordinate with Rt 28. No recommendations.
21	1148	Malcolm X Blvd	Shawmut Ave	660	3'	Farside	14, 15, 19, 23, 28, 41, 42, 44, 45, 66	43	44	176	266	Boston	7.5	Wall	No	78	Coordinate with Rt 28. No recommendations.
22	11149	Malcolm X Blvd	O'Bryant HS	530	3'	Mid Block	15, 19, 23, 28, 42, 44, 45. 66	36	119	252	422	Boston	9.5	Wall	Yes	58	Coordinate with Rt 28. Lengthen stop by relocating rear sign 130-140' from front sign = -3 parking spaces. Add pavement markings.
23	11148	Malcolm X Blvd	Madison Park HS	880	4	Mid Block	15, 19, 23, 28, 42, 44, 45, 66	16	116	55	549	Boston	9.5	No	Yes	78	Coordinate with Rt 28. Lengthen stop by relocating front sign farside of hydrant and light pole, and rear sign 130-140' back = -2-3 parking spaces. Add pavement markings.
24	21148	Malcolm X Blvd	Tremont St	900'	4'	Nearside	15, 19, 23, 28, 42, 44,	16	161	102	744	Boston	9.5	Wall	2	140	Coordinate with Rt 15. No recommendations.
25	1224	Tremont St	opp Prentiss St	2010'	10'	Mid Block	15, 22, 23, 28, 29, 42, 44. 45	0	34	13	169	Boston	7	Wall	No	94	Coordinate with Rts 22 and 28. Add trash receptacle.
26	17861	Ruggles Sta	Busway	-	-	N/A	Multiple	0	944	0	4208	Boston	N/A	-	-	-	No recommendations.

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OUTBOUND

Bus Stop Sequence	Stop ID	Street	Stop Name/ Cross Street	Dist. to Next Stop (ft)	Time to Next Stop (min)	Stop Location	Routes Serving Stop	Rt 15 Ons (Fall09)	Rt 15 Offs (Fall09)	Ons (Total All Routes)	Offs (Total All Routes)	Municipality	Sidewalk Width (ft)	Existing Shelter	Existing Bench	Existing Bus Stop Length (ft)	Preliminary Recommendations
1	17862	Ruggles Station	Busway	3200	-	N/A	Multiple	1118	0	4763	144	Boston	N/A	-	-	-	No recommendations.
2	11257	Malcolm X Blvd	King St	780	4	Farside	15, 19, 23, 28, 42, 44, 45, 66	189	20	909	201	Boston	15	Wall	Yes	74	Coordinate with Rt 28. Lengthen stop by relocating front sign 80-85' from rear sign = -0-1 parking spaces. Add pavement markings.
3	1259	Malcolm X Blvd	opp Madison Park HS	410	2	Mid Block	10, 15, 19, 23, 28, 42, 44, 45, 66	138	30	498	223	Boston	9	Wall	Yes	71	Coordinate with Rt 28. Lengthen stop by relocating rear sign 130-140' from front sign = -3 parking spaces. Replace trash receptacle and add pavement markings.
4	11323	Malcolm X Blvd	opp O'Bryant HS	900	4	Mid Block	10, 15, 19, 23, 28, 42, 44, 45, 66	63	15	229	65	Boston	9	Wall	No	86	Coordinate with Rt 28. Lengthen stop by relocating rear sign 130-140' from front sign = -2-3 parking spaces. Add trash receptacle and pavement markings.
5	1147	Dudley St	Shawmut Ave	1280	6	Nearside	14, 15, 19, 23, 28, 44	5	26	34	137	Boston	7.5	No	No	86	Coordinate with Rt 28. Lengthen stop by relocating rear sign 110-120' from front sign, nearside of hydrant = -1 parking space. Add pavement markings.
6	64000	Dudley Station	Busway	1000	5	N/A	Multiple	1656	241	8631	859	Boston	N/A	-	-	-	No recommendations.
7	1493	Dudley St	Greenville St	440	2	Nearside	15, 41, 45	77	48	122	80	Boston	7	No	No	78	Lengthen stop to 90' by relocating front sign forward toward Greenville St. No parking impact. Investigate narrow shelter on private property with abutter permission and 1-2 benches. Add pavement markings.
8	1494	Dudley St	Mt. Pleasant Ave	590	3	Farside	15, 41, 45	51	52	96	99	Boston	9	No	Yes	37	Remove stop to improve bus stop spacing. 1 unregulated parking space (due to hydrant in stop) may be reinstated. Revised distance between stops would be ~1030' to Adams.
9	1495	Dudley St	Adams St	810	4	Farside	15, 41, 45	21	70	43	132	Boston	7	No	No	64	Investigate adding 1-2 benches, trash receptacle, and pavement markings.
10	1496	Dudley St	opp Hampden St	420	2	Nearside	15, 41, 45	15	98	35	163	Boston	6.5	No	No	67	Consolidate with Blue Hill with new stop mid block opposite Dunmore to improve bus stop spacing and due to existing stop in crosswalk. Add rear sign farside of crosswalk and front sign 65' forward (no parking impact; 1-2 unregulated parking spaces may be reinstated at existing stop). Investigate adding narrow shelter. Add bench and trash receptacle. Revised distance between stops would be ~840' from Adams and ~900' to Blue Hill.
11	1497	Dudley St	Blue Hill Ave	530	3	Farside	15, 41	92	157	110	189	Boston	8	No	Yes	50	Consolidate with opp Hampden as above. 4 parking spaces may be reinstated at existing stop.
12	1498	Dudley St	Dennis St	360	2	Nearside	15, 41	33	118	44	137	Boston	9	No	Yes	72	Relocate stop farside of Dennis to minimize parking impact and locate crosswalk behind the stop =-3 unregulated parking spaces, but 3 unregulated may be reinstated at existing stop. Relocate bench to new stop. Add trash receptacle and pavement markings.
13	11280	Dudley St	opp Shirley St	640	3	Mid Block	15, 41	33	170	48	195	Boston	9.5	No	Yes	60	Remove stop to improve bus stop spacing and due to poor sidewalk conditions and lack of curb ramp at crosswalk. 1 unregulated parking space may be reinstated at existing stop (due to fire hydrants and crosswalk in stop). Revised distance between stops would be ~1000' to W Cottage.
14	1499	Dudley St	W Cottage St	520	2	Farside	15, 41	73	191	113	240	Boston	9	No	Yes	71	Investigate narrow shelter at front of stop. Replace trash receptacle and add pavement markings.
15	1500	Dudley St	Howard Ave	710	3	Nearside	15, 41	27	159	45	174	Boston	10.5	No	Yes	60	Relocate stop farside of Howard to minimize parking impact and locate the crosswalk behind the stop =-3 unregulated parking spaces, but 3 unregulated may be reinstated at existing stop. Add pavement markings.
16	1501	Dudley St	Magnolia St (Uphams Corner Commuter Rail Station)	650	3	Nearside	15, 41	15	189	23	220	Boston	8	Wall	Yes	58	Lengthen stop to 90' by relocating rear sign 30' back toward Magnolia = -1-2 unregulated parking spaces. Replace trash receptacle and add pavement markings. Consider renaming stop "Alexander St".

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OUTBOUND

Bus Stop Sequence	Stop ID	Street	Stop Name/ Cross Street	Dist. to Next Stop (ft)	Time to Next Stop (min)	Stop Location	Routes Serving Stop	Rt 15 Ons (Fall09)	Rt 15 Offs (Fall09)	Ons (Total All Routes)	Offs (Total All Routes)	Municipality	Sidewalk Width (ft)	Existing Shelter	Existing Bench	Existing Bus Stop Length (ft)	Preliminary Recommendations
17	11501	Dudley St	Monadnock St	660	3	Nearside	15, 41	4	198	8	228	Boston	7.5	No	No	66	Consolidate with Columbia to improve bus stop spacing, with new stop farside of Virginia. Add rear sign at corner and front sign 65' forward = -3 unregulated parking spaces, but 3 unregulated may be reinstated at existing stop. Investigate narrow shelter. Add 1-2 benches, trash receptacle, and pavement markings. Revised distance between stops would be ~1020' from Alexander and ~900' to Columbia.
18	1503	Dudley St	Columbia Rd	960	5	Nearside	15, 41	85	641	92	779	Boston	9.5	No	No	52	Consolidate with Monadnock St as above to improve bus stop spacing. Maintain no parking due to hydrant in stop and proximity to intersection.
	NEW STOP	Columbia Rd	#572	-	-	Mid Block	15, 16	-	-	-	-	Boston	9.5	-	-	-	Add new stop mid block on Columbia Rd (in front of Citizens Bank) to improve bus connections. Add bench and pavement markings. Revised distance between stops would be ~530' from Virginia and ~770' to Bird.
19	1504	Hancock St	Bird St	500	2	Nearside	15, 17	23	201	81	288	Boston	9.5	No	No	54	Lengthen stop to 90' by relocating front sign 10' toward crosswalk and rear sign 25' back toward driveway = -1 unregulated parking space. Add trash receptacle and pavement markings.
20	1505	Hancock St	Glendale St	380	2	Nearside	15, 17	5	96	22	132	Boston	9	No	No	73	Remove stop to improve bus stop spacing. 1 unregulated parking space may be reinstated at existing stop. Revised distance between stops would be ~880' to Trull.
21	1506	Hancock St	Trull St	370	2	Farside	15, 17	1	94	12	122	Boston	9.5	No	No	67	Lengthen stop to 65' by relocating rear sign 10' toward intersection. No parking impact. Add trash receptacle and pavement markings.
22	1507	Hancock St	Howe St	560	3	Nearside	15, 17	0	33	6	51	Boston	9.5	No	No	94	Remove stop to improve bus stop spacing and due to existing handicap parking in bus stop. 1 unregulated parking space may be reinstated at existing stop. Revised distance between stops would be ~930' to Bowdoin.
23	1508	Hancock St	Bowdoin St	0	0	Mid Block	15, 17	1	446	26	483	Boston	9.5	No	No	60	Relocate stop farside of Cameron due to roadway curvature by relocating rear sign at corner, front sign 65' forward = -3 unregulated parking spaces. Add trash receptacle and pavement markings.

Massachusetts Bay Transportation Authority

massDOT

Key Bus Route Improvement Program

Route 15

Preliminary Recommendations

Boston - West

- Route 28
- Other Bus Routes
- 110 — Existing Stops w/ Bus Stop Identification No.
- Proposed Stops
- Proposed Eliminated Stops
- Rapid Transit Lines w/ Stations
- Commuter Rail w/ Stations
- 1000 ft — Distance between Existing Stops
- Municipal Boundaries

MAP SOURCE: MassGIS

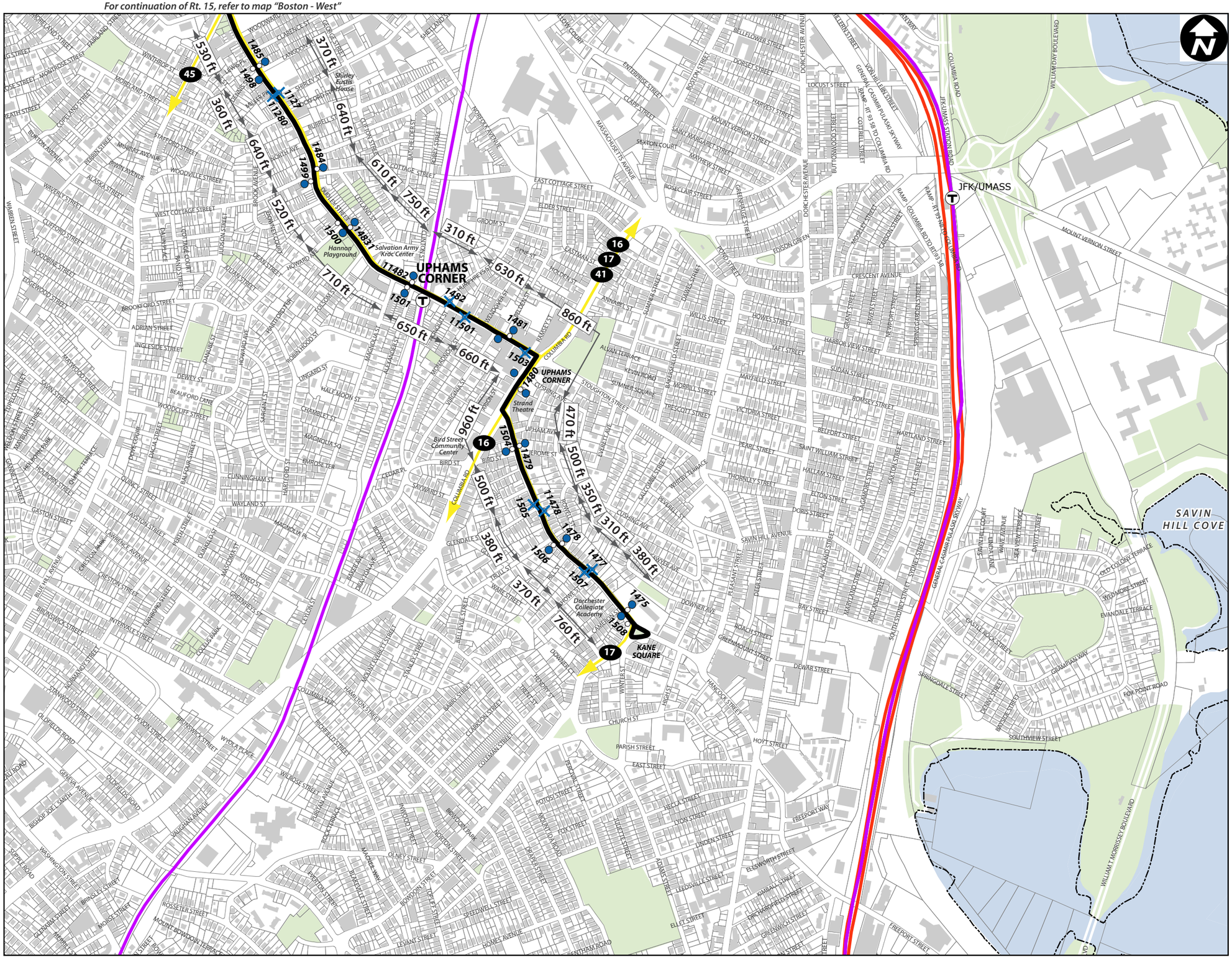
0 375 750 1,500 Feet

McMAHON TRANSPORTATION ENGINEERS & PLANNERS

April 2012

For continuation of Rt. 15, refer to map "Boston - East"

For continuation of Rt. 15, refer to map "Boston - West"



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